

## **APPARATUS BUSHING SILICONE-RUBBER HOUSING**

### **ABSTRACT OF THE DISCLOSURE**

- 5           The present invention is an oil-free apparatus bushing with a silicone-rubber housing bonded directly to a capacitance-graded core, and a method for making an apparatus bushing with a silicone-rubber housing bonded directly to a capacitance-graded core. The silicone-rubber housing has numerous performance, environmental, and safety advantages over the traditional oil-filled porcelain bushings that are well known in the art.
- 10          The advantages include eliminating moisture ingress, eliminating the need for oil, which can cause environmental contamination, and eliminating porcelain which in the event of a violent failure can cause flying damaging debris.

#### **CERTIFICATE OF MAILING**

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Toni A. Clark  
Signature: Toni A. Clark

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Date